

In the specification:

~~Page~~ 1, line 4, insert the heading -- Background of the  
Invention --.

~~Page~~ 1, line 28, change the heading "Advantages of the  
Invention" to -- Summary of the Invention --.

~~Page~~ 3, line 27, change the heading "Figures" to -- Brief  
Description of the Drawings --.

~~Page~~ 4, line 13, change the heading "Description of the  
Designed Examples" to -- Description of the Preferred Embodiments --.

Page 4, amend the paragraphs in lines 15-20 as follows:

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In order to better illustrate the special nature of the present  
invention, Figure 1 first shows two traditional worm gears, a gear 1 having a  
globoidal spur-toothed wheel [2] 3 and a gear 2 having a simple, helically-  
toothed spur-toothed wheel 4, both of them in mesh with a worm 5. In the  
idealized illustration of Figure 1, the worm 5 can be seen in both cases in a

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top view along its axis, and the spur-toothed wheels 3, 4 are shown as a sectional detail view.

Page 4, amended paragraphs in lines 15-20:

In order to better illustrate the special nature of the present invention, Figure 1 first shows two traditional worm gears, a gear 1 having a globoidal spur-toothed wheel 3 and a gear 2 having a simple, helically-toothed spur-toothed wheel 4, both of them in mesh with a worm 5. In the idealized illustration of Figure 1, the worm 5 can be seen in both cases in a top view along its axis, and the spur-toothed wheels 3, 4 are shown as a sectional detail view.